

Book on Rocket Engineering Critique and Bibliography,
by V. G. G. Tolstogonov, 3 pp. (AP-1003605)

Full Tr

RUSSIAN, pp, Sovetskaya Aviatziya, No 66 (2624),
19 Mar 1957, p 3.

ATTC F-TS-9200/III

54, 320

USSR
MIL
Oct 57

Certain Properties of Oily Oligomers of Phosphonitryl
Chloride, by S. M. Zhivukhin and V. B. Tolstoguzov,
5 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXV, No 2.
1961, pp 290-294.

CB

Sent

283,955

Jan 62

30

Summary of Polymeric Polyethylene-
Polypropylene, by A. M. Zlotnik, V.A. Tolstoguzov,
in 20
Khimich. per. Plasticheskie Massy, No 7, 1968,
pp. 24-25, 1968
FTS-TT-43-522

641 - P190
Apr 64

231,571

Enthalpy of formation, its preparation, properties
and uses, by S. M. Zhuravskiy, V. B. Zaitsev, et al.

RUSSIAN, per, Plasticheskiye Massy, No 2, pp 12-13.

JEHS 11025

Sci - Chem

115 6-69

Doc 12

The Gordin Death Ray, by A. Tolstoi, 240 pp.

RUSSIAN, bk.

Four Continents Book Corp
822 Broadway
New York 3, NY

May 60

Willa's Childhood, by A. Tolstoi, 110 pp.

RUSSETT, W.

Four Continents Book Corp
822 Broadway
New York 3, NY

May 60

New Equipment for Investigating Self-Excited
Friction Vibrations, by D. M. Tolstoi, 3 pp.

RUSSIAN, per, Stanki i Instrument, Vol XXII,
No 1, 1961, p 22.

PERA

Sci
Aug 61

167,087

Family Happiness, and Other Stories, by Lev Tolstol,
250 pp.

RUSSIAN, bk.

Four Continents Book Corp
822 Broadway
New York 3, NY

May 60

Resurrection, by Lev Tolstoy, 496 pp.

RUSSIAN, blk.

Four Continents Book Corp
822 Broadway
New York 3, NY

1957 60

Some Regularities of the Distribution of the Elements
in rocks and Their Geochemical Significance,
by M. I. Tolstoi, I. M. Ostafiichuk, 6 pp.

RUSSIAN, per, Geokhimiya, No 10, 1963.

Scripta Technica

Sci
Jun 64

262,276

Fluorescence of Lanthanum. IV. The Effect of the
Wavelength of the Exciting Light. by A. I. Ryshko, M. A. Tolstol,
S. P.
KURBAN, Fiz. Optika i Spektrosk., Vol XV, No 2, 1968, pp 224-244.

DEA

Sci
Mar 64

224,244

62-22797

Tolstoi, N. A. and Feofilov, P. P.
ON SOME ELECTROOPTIC PHENOMENA IN COL-
LOIDS. [1962] 9p.
Order from K-H 511.25 K-H 8921 c

Trans. from [Akademiya Nauk SSSR. Doklady] 1949,
v. 66, no. 4.

DESCRIPTORS: *Photoelectric effect, *Colloids, Photo-
chemistry.

- I. Tolstoi, N. A.
- II. Feofilov, P. P.
- III. K-H-8921-c
- IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

(Chemistry--Physical, TI, v. 9, no. 9)

Office of Technical Services

62-16522

Tolstoi, N. A. and Shatilov, A. V.
FORMAL ANALYSIS OF THE THEORY OF TWO-
STAGE EXCITATION OF PHOSPHORESCENCE AND
PHOTO-CONDUCTIVITY. I. STEADY-STATE RE-
LATIONSHIPS. [1962] 22p. (\$ figs; formulae omitted).
7 refs.

Order from CTS or SLA \$2.40

62-16522

Transl. of Optika i Spektroskopiya (USSR) 1956, v. 1,
no. 2, p. 216-229.

DESCRIPTORS: *Phosphorescence, *Photoconductiv-
ity, *Excitation, Mathematical prediction,
Luminescence.

A formal analysis is furnished of the steady-state
relationships in the system of two-stage excitation of
phosphorescence and photoconductivity, on the as-
sumption that the recombination is subordinated to a
(Physics - Theoretical, TT, v. 8, no. 11) (over)

I. Tolstoi, N. A.
II. Shatilov, A. V.
III. Title: Steady-state ...

62-16522

Office of Technical Services

62-10796 I. T. P. N. A. II. K-H-192-10 III. Kresge-Hooker Science Library Association Detroit, Mich.	
TITEL: N. A. THE STABLE DIPOLE MOMENT OF COLLOIDAL PARTICLES IN WATER. (1962) p. Order from K-H \$8.75 K-H 6931-5	Trans. of Am. Chem. Soc. New York: Doklady 1953, no. 5, p. 893-896
DESCRIPTORS: *Dipole moment; *Colloids; *Water.	
(Chemistry Physical, T.L. 8, no. 11)	

222,171

English, N. A.
CN (11) THEORY OF FLOW BIREFRINGENCE
(R Teoriya Dvizheniya Lucheprolomleniya v Potoke).
[1963] 112 p. (Original text included) 7 refs.
Order from CTS or SLA \$1.50 62-16214

Trans. of Akademiya Nauk SSSR. Doklady, 1948,
v. 50, no. 9, pp. 1563-1566.
Another transl. is available in Dutch from CTS or FTC
\$1.50 in 61-17994, MT 61-343, 8p.

USSR OPTICS: *Refractive properties, *Fluid flow
Theory.

(Mechanika i Optika) 1948, 20, MT 61-343, no. 9.

62-16214

L. Tolstol, N. A.

C222683

Office of Technical Services

63-11515

Tolstoi, N. A.
KINETICS OF INFRARED LUMINESCENCE OF COP-
PER OXIDE. II. THEORETICAL INTERPRETATION,
tr. by B. W. Kovshinov. 27 Aug 62, 14p. 7 refs.
APL/JHU TG-230-1826.
Order from DTIC 63-11515

Trans. of Fizika i Spektroskopiya (USSR) 1957, v. 2,
no. 2, p. 210-219.

DESCRIPTORS: *Copper compounds, *Infrared
radiation, *Luminescence, Theory, Photoconductivity.

Three possible interpretations are discussed of the
anomalous time-temperature increase in the relaxation
of Cu₂O luminescence: (1) the effect of temperature on
mobility, (2) the effect of the "heat barrier," and (3)
the excitation mechanism of luminescence. The last is
considered to be the most likely. (Author)
(Physics, "I", v. 3, no. 3)

- I. Tolstoi, N. A.
- II. Title: Theoretical...
- III. APL/JHU TG-230-1826
- IV. Applied Physics Lab.,
Johns Hopkins U.,
Silver Spring, Md.
- V. Contract NOw-62-3664

C227609

Office of Technical Services

Concerning the Fermi Surface of Aluminum,
by V. P. Zubarevskiy, V. P. Tolstoluzhskiy, 7 pp.

RUSSIAN, per, Zhur Eksp i Teoret Fiz, Vol XLVI,
No 1, 1964, pp 18-27.

Amer Inst of Phys
Sov Phys- JETP
Vol XIX, No 1

Sci-
Aug 64

Kinetics of the Dehydration of Alcohols by Tungsten
Oxide and the Energy of the Carbon, Hydrogen and
Oxygen Bonds with the Catalyst, by A. A. Tolstopyan
A. A. Bulandin, V. Stashkevskiy, 8 pp.

RUSSIAN, per, Kinetika i Kataliz, Vol 1, No 4,
1960, pp 556-565.

CB

172, 766

Sci

Oct 61.

Effect of Pinacoline on Magnesium Tertbutyl Chloride
Solution, by V. M. Tolstopiatov, I. V. Voroshilova,
18 pp.

RUSSIAN, no par, Zhur Obshch Khim, Vol XV, No 6,
1955, pp 565-573.

Sol Tr Center:
RT-3901

39,149

Sol - Chemistry
Rep 56 CHB/dex

Kinetic Determination of the Energies of the Bonds
Between the Reacting Atoms of Organic
Molecules and the Surface of Blue Molybdenum Oxide,
by A. A. Tolstopyatova, A. A. Balandin, et al, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 3, 1963, pp 423-428.

CB

Sci

Apr 64

255,069.

Investigation on Catalytical Conversion 42
of Isopropanol and of Cyclic Hydrocarbons
on Titanium Dioxide (Anatase) by Means of
a Differential Thermocouple, by A. A.
Balandin, A. A. Tolstopyatova, I. R. Konenko.
RUSSIAN, per, Akad Nauk SSSR. Izvestiya.
Otdeleniye Khimicheskikh Nauk, No 12,
1960, pp. 2096-2102.
NTC 69-11543-07C

Sci - Chem
July 69

386,624

A A Tolstopyatova

The Catalytic Properties of Yttrium Oxide Reactions
of Alcohols and Hydrocarbons, by A. A. Tolstopyatova,
I.R. Konenko, 14 pp.

RUSSIAN, per, Kinetika i Kataliz, Vol II, No 1,
1961, pp 135-143.

(B)

Sci
Jun 62

200,251

Catalytic Properties of Dysprosium Oxide as Applied
to Dehydrogenation and Dehydration of Alcohols and
Dehydrogenation of Tetralin, by A. A. Balandin,
A. A. Tolstopiatova, 6 pp.

RUSSIAN, per, Iz Ak. Nauk, Otdel Khim Nauk, No 6,
1962, pp 974-979.

CB

Sci

May 63

233,746

- TT-65-28049

Field 7D

Tolstopyatov, A. A.; Naumov, V. A.; Balandis, A. A.
REGULARITES DANS LES VARIATIONS DES ENERGIES DE
LIAISON ET DES ENERGIES D'ACTIVATION SUR LES
CATALYSEURS-OXYDES DE METAUX. CNRS-Q/N-4910;
Org. 175-434.
Order from CNRS as Q/R-4910

Trans. in French of Zhurnal Fizicheskoi Khimii (USSR)
vol. 68, 1994.
For another listing of this journal see 'Translated or
Abstracted Publications,' in this issue.

I. Centre National de la
Recherche Scientifique,
Paris (France)

A300101

The Catalytic Properties of Thorium Dioxide in the
Dehydrogenation and Dehydration of Alcohols and in
the Dehydrogenation of Cyclic Hydrocarbons, by
A. A. Balashin, A. A. Tolstopyanova, et al, 12 pp.

RUSSIAN, per, Khimiya i Metalin, Vol II, No 2,
Moscow 1961, pp 273-284.

CIB

Sci
Jun 62

200,099

Regularities on the Catalytic Properties of the Rare
Earths, by A. A. Tolstopyatova, A. A. Balandin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVIII, No 6,
1961, pp 1363-1368.

CB

Sci

May 62

195,581

The Bonding Energies of the Atoms of Reacting
Organic Substances With the Catalytically
Active Centers of Titanium Dioxide, by A. A.
Tolstopyanov, A. A. Balandin, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel
Khim, Nauk, No 2, 1961, pp 214-217.

CD

Sci.

Jan 62

198,797

Determination of the Energy of the Bond
of the Reacting Atoms of Organic Mole-
cules with the Surface of MnO_2 Catalyst,
by A.A. Tolstopyatova, A. A. Balandin,
V. Kh. Mayushenko, 1 pp

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim
Nauk, No 8, 1960, pp 1333-1336.

CB

Scl

Sep 61

169, 403

Kinetics of ~~isopropyl~~ Dehydrogenation and Dehydration
of Isopropyl Alcohol and Dehydrogenation of
Ethanol on Ytterbium Oxide. By A. A. Tolstopya-
nova and P'eng Hsiang, pp 8 pp.

RUSSIAN, per, Is. Ak. Nauk SSSR, Otdel Khim. Nauk:
Zhuk, No 8, 1968, pp. 1322-1329

CB

Sci

Jun 68

342,611

Kinetics of Dehydrogenation and Dehydration of
Isopropyl Alcohol and Dehydrogenation of Tetralin
on Dysprosium Oxide, by A. A. Tolstopyatova
and A. A. Balandin, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 7, 1962, pp 1154-1163

CB

Sol

May 63

342, 729

Catalytic Properties of Rhenium. Communication 1.
Rhenium as a Dehydrogenation Catalyst, by A. A. Balandin,
E. I. Karpel'skaya, A. A. Tolstoyanova, 7 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, (Otdel Khim Nauk, No 8,
1959, pp 1365-1371.

CB

Sci
May 67

152,755

Catalytic Properties of Rhodium. Communication 2.
Dehydrogenation of Cyclohexane, by A. A. Balandin,
E. I. Kimpel'skaya, A. A. Tolstopyatova, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 9,
1959, pp 1529-1535.

CB

Sci
Mn 61

152,790

Unfavorable Catalysis in the Ammonia
Reaction, by A. A. Haldeman, A. A. Haldeman,
A. A. Haldeman, 1959.

REUSMAN, 1959, Det. Ak. Mosk. SSSR, Vol. 1, No. 1,
1959, pp 795-798.

CB

8-1
Oct 60

129, 268

Catalytic Properties of Cerium Dioxide in the
Dehydrogenation and Dehydration of Alcohols
and in the Dehydrogenation of Cyclohexane, by
A. A. Molotova, A. A. Balandin.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXII, No 5,
1958, pp 1831-1841. 954080

ATS RJ-1903

Sci - Chem
Det 59

104,080

Kinetic Determination of Bond Energy With
Chromium Oxide Catalyst, by A. A. Solov'yeva,
A. A. Gerasimova, E. I. Karpeyskaya, 6 pp

RESEARCH, per, in Ak Nauk SSSR, Dzel. 1953,
Mosc., No. 10, 1953, pp 1184-1191.

Consultants Bureau

SEE

per CC

11/2/53

Isopropanol Dehydration and Tetraline De-
hydrogenation Kinetics Upon Neodymium
Oxide, by A. A. Tolstopiatova,
A. A. Bulandin.
RUSSIAN, per, Izv AN SSSR, Ser Khim, No 1,
1958, pp 3-8.
BTC 69-12502-070

A. A. Tolstopiatova

Sci. Chem
Aug 69

389,387

Investigation of the Catalytic Dehydrogenation
of Hydrocarbons and Alcohols Over Metallic
Rhenium, by A. A. Balandin, E. I. Korpelskaya,
A. A. Molstopyatova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXCIII, No 2,
1958, pp 227-230.

CH

Sol - Chem
Oct 59

100,038

TT-62-28752

Tolstopyatova, A.A. and Bolandin, A.A.
 DISPOSITIFS ET PROPRIETES DES TERRES RARES
 (O.Z.) nomme par Katalicheskiy Svoistvakh
 Red (H) Zentru (C) nalyse Properties of Rare Earths.
 (p. C) nalyse (not included) TTefsi, CNRS-VI 684.
 (not included) TTefsi, CNRS-VI 684 TT-62-28752

I. Tolstopyatova, A.A.
 II. Bolandin, A.A.
 III. CNRS-VI 684
 IV. Centre National de la Recherche Scientifique, Paris

Travail de l'Acad. of Sciences Natl SSSR, Doklady
 (not included) TTefsi, CNRS-VI 684

Travail de l'Acad. of Sciences Natl SSSR, Doklady
 (not included) TTefsi, CNRS-VI 684

(C) nalyse (not included) TTefsi, CNRS-VI 684

Dispositifs et Propriétés des Terres Rares
 (not included) TTefsi, CNRS-VI 684

EFFECT of the Treatment of Chromic Oxide With
Hydrogen and Oxygen on Its Catalytic Activity
in Dehydrogenation and Dehydration Reactions,
by A. A. Tolstopyatova, A. A. Balandin, K. A.
Dulitskaya, 8 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 10, 1959, pp 1716-1724.

CB

Sci

157,970

June 61.

The Catalytic Activity of Tungsten Pentoxide,
by A. A. Balandin, A. A. Tchetomvatova, V.
Stashizhevskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII,
No 3, 625-628, 1960.

CB

Sci.

May 61

153,000

Kinetics of the Dehydrogenation of Isopropyl
and Ethyl Alcohols over Manganous Oxide, by
A. A. Tolstopiatova, A. A. Balandin, E. M.
Dmitriev, 12 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim
Nauk, No 11, 1956, pp 1404-4

Consultants Bureau

Sci - Chem

Jun 58

65,479

The Activity of Cadmium Oxide as a Catalyst for
Hydrocarbon Dehydrogenation, by A. A. Salandin,
V. A. Pospelov, A. A. Tolstopyatova, 7 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 10, 1960, pp 1751-1758.

CB

172, 225

301

Oct 61

The Kinetics of the Dehydrogenation and Dehydration
of Isopropyl Alcohol and the Dehydrogenation of
Tetralin on Thulium Oxide, by A. A. Tolstoplyanova
and A. A. Balandin, p 8

RUSSIAN, per, Iz Ak Nauk USSR, Otdel Khim Nauk, No 9,
1962, pp 1524 - 1532

CB

340, 354

Sci

Jul 63

Dehydrogenation of Alcohols and Cyclohexene on MnO ,
by A. A. Tolstopryatova, A. A. Balandin, 7 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim.
Muzik, No 5, 1960, pp 787-793.

CB

Sci
May 62

194,670

(DC-3692).

19

Aleksay Aleksandrovich Balandin on his 60th Birthday,
by A. A. Tolstopyatova, 4 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXIII, No 2, 1959,
pp 504-506.

JPRS 3368

USSR
Biog
Jun 60

111,572

- TT-61-3049

Field 7D

Tel'dorova, L. A.; Naumov, V. A.; Balandin, A. A.
IRREGULARITES DANS LES VARIATIONS DES ENERGIES DE
LIAISON ET DES ENERGIES D'ACTIVATION SUR LES
CATALyseurs-Oxydes de METAUX. CNRS-G/R-4910;
Orig. 178-404.
Order from CNRS no G/R-4910

Trans. in French of Zhurnal Fizicheskoi Khimii (USSR)
v38 no 10 (1964-7) 1964.
For another listing of this journal see 'Translated or
Abstracted Publications,' in this issue.

L. Centre National de la
Recherche Scientifique,
Paris (France).

Effect of the Method of Preparation and the Presence
of a Carrier on the Catalytic Activity of Chromium
Oxide in Hydrogenation and Dehydrogenation Reactions
By A. A. Tolstopyutova, K. A. Dilitskaya, A. A.
Balashin, 10 pp.

RUSSIAN, no per, in Ak Nauk SSSR, Otdel Khim Nauk,
No 10, 1966, pp 1256-1265.

ATS DT-717
Consultants Bureau

Sci - Chemistry
Jul 58

58000
1256-1265

(NY-3880).

S-152/60

Expanded Scientific Conference on Sanitary
Protection of the Seacoast, by O. N. Tolstoshey,
5 pp.

RUSSIAN, per, Gig i San, Vol XXIV, No 1, 1959,
pp 88, 89.

JPRS 2941

Sci - Med, Public Health
Jul 60

119,965

The Problem of Relief Representation when Mapping
a Forested Plains area at a Scale of 1:10,000
By A. S. Tolstoukhov (p. 5)

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Gendziya
1. Aerofotos'yenka, No 5, 1962, pp. 117-124

AGU

Sci

Aug 65

343,096

Increasing the Productivity of Brown Solonchak
Spots in a Chernozem Complex, by V. P. Tolstomarov.
6 pp.

RUSSIAN, per, Pochvovedeniye, No 10, 1966,
pp 102-107.

AIBS

Sci

May 62

1966

Abstract Integral Investigated by S. Anich,
G. P. Tolstov, 4 p.
SIAM, per. Abstract Stornia, Vol LVII(9), 1992,
pp 319-322.

Ap. Math Soc
Vol XLIV, Ser 1

M. P. Tolstov

Sci. Math
Vol 50

326.071

On Partial Derivatives, by G. P. Tolstov.

Full translation.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Matemat, Vol 13,
USSR, 1949, pp 435-446.

AEC Tr 1351

Sci - Math

Aug 52 (16)

DEX

Fourier Series, by G. P. Tolstov

RUSSIAN bk Ryady Susyye, Moscow 1960 pp 1-390

*Prentice-Hall

(SF-1879)

The Use of Permethrin in Insecticidal Aerosols, by
G. P. Luchinskii, K. S. Tolstoy, P. A. Korolev,
6 pp.

RUSSEIAN, per, Khim Prom, No 4, 1961, pp 13-15.

JPRS 10302

Sci. Chem.

174,038

New 151

Average Neutron Velocities in Various Media,
by K. D. Tolstov, F. L. Shapiro, I. V. Stranikh,
22 pp.

Full translation.

RUSSIAN, bk, Conference of the Acad of Sci of the
USSR on the Peaceful Uses of Atomic Energy, 1-5 Jul
1955, Session of the Div of Physico-Mathematical
Sciences,

GPO

35,407
Consultants Bureau.
259 West 11th St,
New York 11, N.Y.

Sci - Nuclear Physics
#87 Rpts for \$350.00

Investigation of the Parameters of Uranium-Graphite
Heterogeneous Systems by the Priam Method, by L. V.
Groshev, O. I. Kosinets, L. E. Lazareva, K. D.
Tolstov, E. L. Feynberg, I. M. Frank, F. L. Shapiro,
I. V. Stranish, 30 pp.

Full translation.

RUSSIAN, bk, Conference of the Acad of Sci of the
USSR on the Peaceful Uses of Atomic Energy, 1-5 Jul
1955, Session of the Div of Physico-Mathematical
Sciences,

GPO

35,411
Consultants Bureau
259 West 44th St,
New York 11, N.Y.

Sci - Nuclear Physics
*87 rpts for \$350.00

Measurement of Temperature Effects in Uranium-
Graphite Subcritical Systems, by B. P. Adyusevich,
I. M. Frank, O. I. Kosinets, F. L. Shapiro, I. V.
Stranikh, K. D. Tolstov, 23 pp.

Full translation.

RUSSIAN, bk, Conference of the Acad of Sci of the
USSR on the Peaceful Uses of Atomic Energy, 1-5 Jul
1955, Session of the Div of Physico-Mathematical
Sciences,

35,400

GPO

~~Consultants Bureau~~
~~259 West 41st St,~~
~~New York 11, N.Y.~~

Sci - Nuclear Physics
*87 rpts for \$350.00

13

The Effect, Treatment, and Control of the
Soviet Control of the East, by I. P. Tolstoy,
1964.
BIBLIOGRAPHY, by Stanley A. J. Kramlich,
1964, Vol. II, 1964, pp. 684-686, 704-706.
JPRS 2546

FT-Karen
201
U.S.S.R.
Nov 64

200,476

(SF-1864)

Basic Theoretical Problems of Modern Soviet
Ethnography, by S. P. Tolstov. 22 pp.

RUSSIAN, per, Sovet Etnografiya, no 6, Nov/Dec
1960, pp 10-21.

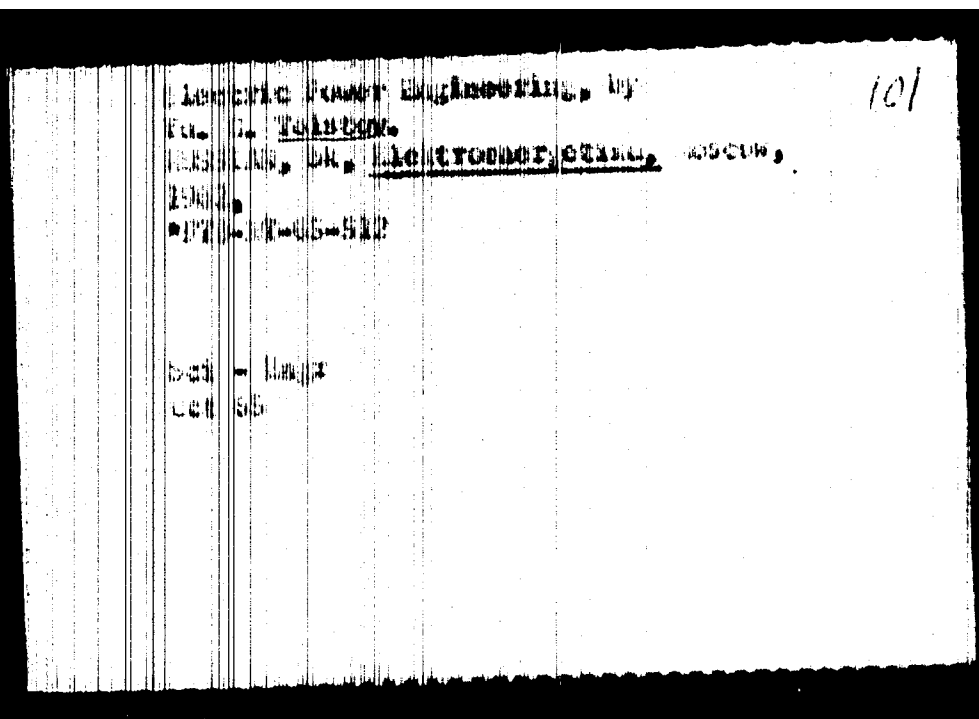
JPRS 4767

USER

Sol:

Aug 61

162,206



62-23572

Tolstov, Yu. P.
 IMPAIRMENT OF HEARING AND VESTIBULAR
 FUNCTIONS IN BRUCELLOSIS. [1962] [8]p. 30 refs.
 Order from OIS or SLA \$1.10 62-23572

Trans. of Vestibulo-Oto-Rhino-Laryng[ology] (USSR)
 1959, v. 21 [Nov/Dec] p. 24-29.

DESCRIPTORS: *Hearing, Ear, *Brucellosis, In-
 flammation, Nervous system.

The auditory analyzer is involved in 29% of brucellosis cases. Involvement of the external and middle ear was found in 1% of our cases. Inflammation of the middle ear, developing against a background of brucellosis, provides a semblance of intracranial complications, which may lead to errors in diagnosis. The most serious pathology is the involvement of the cochlear portion of the inner ear, seen by us in 25% of our cases. Disturbance of vestibular function was found in 8% of our cases, manifested primarily in a slight depression of function. (Author)

I. Tolstov, Yu. P.
 II. Translations, New York.

512070

Biological Sciences--Pathology.
 IT, v. 8, no. 3)
 Office of Technical Services

Horizontal Movements in the F-Layers of the
Ionosphere, by V. V. Tolstov, 7 pp.

RUSSIAN, per, Radiotekh i Elektron, Vol III,
No 6, 1958, pp 760-763.

PT

Sci. - Electron
Oct 58

99,032

(DC-2396).

Radar Observations of Meteoric Activity, by
B. L. Kushcheyev, B. S. Dudnik, M. F. Lagutin,
I. A. Lyenko, V. V. Tolstov, 8 pp.

RUSSIAN, par. Informatsionnyi Byulleten,
Mezhdunarodnyy Geofizicheskiy Otd, No 1, Kiev,
1958, pp 38-42.

JPRS-852-1

Sci - Geophysics
Aug 59

93,719

(DC-2396).

Measurement of the Drift Velocity of Ionization
Heterogeneities (Winds) in the F Ionosphere
Region, by V. V. Tolstov, B. G. Bondar', 9 pp.

RUSSIAN, per, Informatsionnyi Byulleten,
Mezhdunarodnyy Geofizicheskii Gol, No 1, Kiev,
1958, pp 43-50.

JPRS-852-D

Sci - Geophysics
Aug 59

93, 727

Tolstov, Yu. G., Karashov, G. K., and Pyrov, V. V.
MODEL OF A D. C. ELECTRIC TRANSMISSION
SYSTEM [1962] 8p. (fig. omitted).
Order from OTS or SLA \$1.10

62-32772

Trans. of Fiziko-Tekhnicheskii Institut, Moscow.
Trudy (USSR) 1959, v. 4, p. 49-61.

DESCRIPTORS: Models (Simulations), *Direct current,
*Power transformers, Transmission lines.

AC-57 E57 N6125

(Engineering--Electrical, TT, v. 9, no. 12)

62-32772

I. Tolstov, Yu. G.
II. Karashov, G. K.
III. Pyrov, V. V.

Office of Technical Services

The Interaction of 300 MEV π^- -Mesons With Protons,
Deuterons, and Nuclei in Nuclear Emulsions, by
L. S. Dalkova, T. A. Romanova, I. B. Sokolova,
L. V. Sukhov, D. K. Tolstoy, M. G. Shafronova,
4 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol
CVII, 1956, pp 43-46.

ABC Tr 2492

Sci - Nuclear Physics

36,583

Jul 1956

Molecular Theory of the Slip of Liquids on
Solid Surfaces, by D. M. Tolstoy, 7 pp.

U.S.S.R. Acad. Sci. Dokl. Akad. Nauk SSSR,
No 5, 1952, pp 1039-1052.

Sci. Res. Lib. No 54/2024

Natl. Res. LIBTT.423

Scientific - Physics

Batch 19/121 (no number given)

On the Difference Between the Forces of Static
and Dynamic Friction, by D. N. Tolstoy, et al.
UNCLASSIFIED

RUSSIAN, per. Dok Ak Nauk SSSR, Vol XLIV, No 6,
pp 1231-1234.

Co-Op Tr Sub
Tr 460

Box - 1892
Box 58

73, 379

The effect of Mercury on Glass, by HENRI. D. H.
1952, 10 pp.

RUSSIAN, thrice-per, Dok Ak Nauk SSSR,
Vol. LXXXIV, No 6, 1952, pp 1329-1332.

19,122

Sci Ma Lib No 54/2425

Math Res LIB TTH53

Scientific - Chemistry

Determination of the Characteristic Function of a
Stationary Flow Using the Capillary Method in the
Case of Slip Along the Wall, by D. M. Tolstoi

Full translation.

RUSSIAN, per, Kolloid Zhur, Vol XII, No 1, 1950,
pp 62-66.

AEC Tr 1609

Also British Sci Mus No 52/1638
Scientific - Chemistry Jun 53 CTB/DEX

Also Bldg Res Sta Lib Com No 549

3088

On the Determination of the Yield Point of Structured
Disperse Systems by D. M. Tolsted, 4 pp. UNCLASSIFIED

Full translation.

RUSSIAN, per, Dok Ak. Nauk, USSR, Vol LXXVII, No 5,
USSR, 1951, pp 847-850.

Navy Tr 664/NSL 401

Scientific - Physics, Disperse systems

112.042

Theory of Slipping and Periodic Sticking of Solid
Bodies (Friction Self-Oscillation of the First
Kind)., General Condition for Occurrence of Stick-
ing, by E. V. Deriagin, V. E. Pash, D. M. Tolstoi, 2
22 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVI No 6,
Jun 1956, pp XX 1329-1342.

Amer Inst of Phys
Soviet Phys, Tech Phys
Vol I, No 6

4 7, 742

Sci - Phys
Jul 57

New Experimental Data Concerning External
Friction, by D. M. Tolstoy, R.L. Kaplan, 72 pp

RUSIA31 Dok. Konferentsiya po Poverenosti
Sobrem. Zhurnal, Dok na Konferentsii, Leningrad,
1961, pp 126-133, 9567849

WFO-TT-62-1195

Sci-Phys
Mar 63

224,748

Some Problems of the Hydrogeology of the Paleozoic
of the Russian Platform, by M. P. Tolstoy, 8 pp.

RUSSIAN, per, Geologiya Nefti, Vol. II, No 10-B,
1958, pp 54-61.

Rev of Russian Geol

Sci

Feb 60

108,660

Luminescence Kinetics of Chromium Luminors.
IV. Ruby, Part 2. Interpretation of the Relaxa-
tion Spectrum; Temperature Variation of the
Relaxation Time and the Intensity of the
Luminescence, by N. A. Tolstoy, Liu Shun'-Fu,
5 pp.

RUSSIAN, per, Optika i Spektro, Vol XIII, No 3,
1962, pp 403-411.

OSA

Sci

Jan 63

220,716

Electrooptical Properties of Lyophobic Colloids.
1. Statement of the Problem Basic Methods, and
Results, by N. A. Tolstoy, A. A. Spartakov, et al,
10 pp.

RUSSIAN, per, Kolloid Zhur, Vol XXII, No 6,
1960, ~~XXXXXXXXXXXX~~ pp 705-716.

CB

Sci
24 Jul 62

203,990

The Possibility of a Two-Step Excitation
Mechanism on Sulfide Phosphors, by N. A.
Tolstoi, 7 pp.

RUSSIAN, no per, Zhur Eksper i Teoret Fiz,
Vol XXX, No 2, Jan 1956, pp 171-179.

Amer Inst of Physics
Vol III, No 2,
Soviet Physics, JETP

Sci - Physics
Apr 57 CTS

46,488

Formal Analysis of the Theory of Two-Stage
Excitation of Phosphorescence and Photoconductance,
by N. A. Tolstoy, A. V. Sbatilov, 16 pp.

RUSSIAN, per, Optika i Spektroskopiya, Vol I,
No 2, 1956, pp 216-229.

AN 1-8143
IN 2216561

Sci - Phys
Mar 63

224,840

Luminescence Kinetics of Chromium Phosphors. VII. Ruby
(Part 3). The Interaction of Chromium Ions. Steady
State Luminescence
By N. A. Tolstoy and A. P. Abramov pp. 5

RUSSIAN, per, Optika i Spektro, Vol XIV, No 5,
1963, pp. 691 - 699

OSA

Sci

344,600

AUG 63

Mixing-up of ZnS Phosphors and Competition of the
Luminescence Bands, by H. A. ~~REDACTED~~ A. H.
Tolstoy,
Machuk, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXV,
No 3, 1961, pp 399-404.

CTT

Sci

May 62

197,600

A Theoretical Property of Relaxation Curves in
Luminescence and Photoconductivity, by N. A. Tolstoi,
A. V. Shatilov, 4 pp.

RUSSIAN, no per, Zhur Eksper i Teoret Fiz, Vol XXX,
No 1, Jan 1956, pp 109-114.

Amer Inst of Physics
Vol XII, No 1
Soviet Physics, JETP

Sci - Physics
Apr 57 CTS

46,517

Kinetics of Dehydrogenation and Dehydration of
Alcohols and Dehydrogenation of Hydro carbons
on WS₂ and MoS₂ Catalysts by, A.A. Tolstopyatova,
A.A. Balandin, V.Kh. Matyushenko, 8pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 4, 1961, pp. 583-590.

CB

200,669

Sol.
April 62

Investigation of Catalytic Conversions of
Isopropenal and Cyclic Hydrocarbons of Titanium
Dioxide (Anatase) by Means of a Differential
Thermocouple, by A. A. Balashin, A. A.
Tolstopyatova, 6 PP.

RUSSIAN, per, in Ak Nauk SSSR, Otdel Khim Nauk,
No 12, 1960, pp 2096-2101.

CH

Sci
May 62

194,490

Studying the Decay of Luminescence With a Double
Oscillograph, by H. A. Tolstoy, B. P. Pechenkin,
7 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Vol LXVIII, No 3,
1967, pp 389-392.

CIA/PED EX-704

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Physics

Ext 60

USIB INTERNAL USE ONLY

EO or EIA 60-10998

VOL III, NO 4

108756

Ultrasonometer, by N. A. Tolstoy, A. M. Tkachuk, and
N. N. Tkachuk, 24 pp.

RUSSIAN, no per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXI,
No 4, 1957, pp 595-611.

Columbia Tech

Sci - Phys

Jul 58

67,456

Flash Luminescence of Zinc Sulfide Phosphors, b,
N. A. Tolstoy, A. M. Tkachuk, N. N. Tkachuk, and
S. S. Mansurova, 5 pp.

RUSSIAN, no per, Iz Ak Nauk SSSR, Ser Fiz, Vol
XII, No 4, 1957, pp 495-498.

Columbia Tech

Sci - Phys

Jul 58

67,730

On the Possibility of Two-Stage Excitation of Photo-
semiconductor Effects, by N. A. Tolstoy and A. V.
Shat/lov, 1 p.

1

RUSSIAN, no per, Iz Ak Nauk SSSR, Ser Fiz, Vol
XXI, No 4, 1957, pp 494-495

Columbia Tech

Sci - Phys

Jul 58

67,727

Seattle Direct Element of Atomic Particles, by A. A.
Spartakov, E. A. Tolstoy, 1 p.

RUSSIAN, no par, Zhur Elmer I teoret Fiz, Vol.
XXII, No 3, 1955, p 305.

American Inst of Physics
Soviet Physics, Vol II, No 2

Sci - Physics
Feb 57 CTB

43 829

Temperature Dependence of the Reformation Time
of Luminescence of Flutino Cyanides of Barium
and of Potassium, and of Fluorite Activated
with Europium, by U. A. Tolson, A. B. Tlachuk,
K. N. Tlachuk, 2 pp.

FREEMAN, and per, Zhur Ekspier i Teoret Fiz, Vol
XXIX, No 3, 1955, pp 386, 387.

American Inst of Physics
Soviet Physics, Vol II, No 2

Sci - Physics
Feb 57 CES

43, 827

Possibility of Using Pulse Lamps for Studying
the Relaxations of Luminescence and Photocon-
ductivity, by N. A. Tolstoy, 4 pp.

RUSSIAN, per, Optika i Spektroskopiya, USSR,
Vol IV, No 2, 1958, pp 275-281.

SLA 59-10911

Sci - Physics
Sep 59
Vol III, No 2

98,672